

A giant octopus has a mass of about 7 stone and 2 lb.

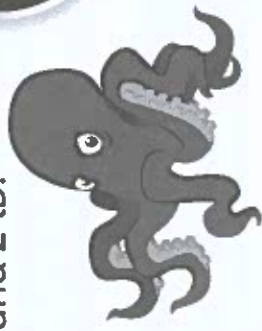
a) What is its mass in pounds?

The giant octopus has a mass of lb.

b) What is its mass in kilograms?

The giant octopus has a mass of kg.

CHALLENGE



1 stone (st) = 14 lb

1 kg = 2.2 lb

I can work out 10 lb and use this to help me work out my answer.



Reflect

A small dog has a mass of 14 lb. Describe how you could calculate this mass in metric units.

Imperial units of capacity

1 pint is approximately equal to 570 ml.

Add 570 each time and complete the bar model.

1 pt	2 pt	3 pt							
570 ml	1,140 ml	1,710 ml							

2 Use the bar model in question 1 to complete these measurements.

a) 5 pints = ml e) litres ml = 6 pints

b) pints = 4,560 ml f) pints = 3.99 litres

c) 3 pints = ml g) $\frac{1}{2}$ pint = millilitres

d) 1 litre 140 ml = pints

3 There are 8 pints in a gallon.

Circle the measurement that is nearest to 1 gallon.

4 litres

$4\frac{1}{2}$ litres

5 litres

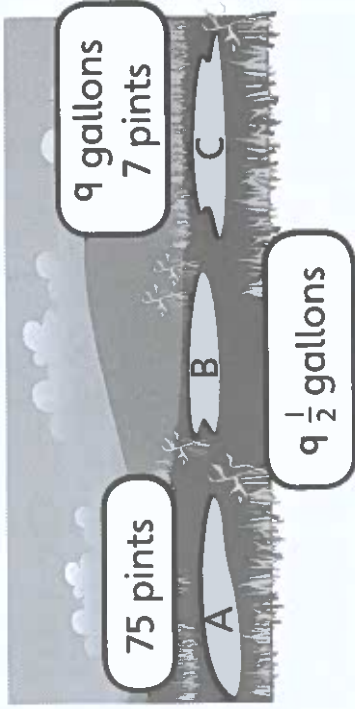
Explain your answer.

Which pond contains the most water?

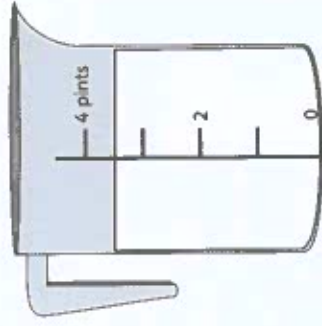
Complete the number line, then mark each pond on the number line with an arrow.



Pond _____ contains the most water.



How much milk is in this jug? Give your answer in pints and litres.

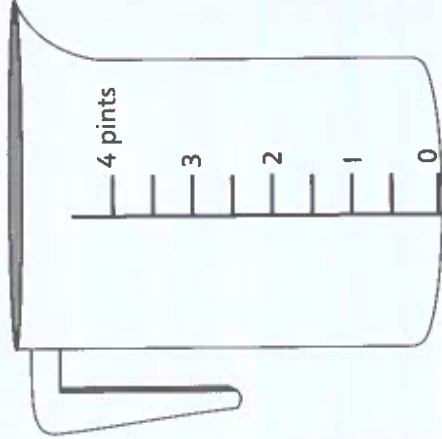


The jug contains pints
= litres.

1 pint = approximately 570 ml

Three bottles of lemonade contain 200 ml each. Lexi pours them into a jug.

Mark a line on the jug where you think the lemonade will roughly be.



7

Luis's mother wants to fill up her car with 10 gallons of fuel. At petrol station A, fuel costs £5 per gallon. Petrol station B charges £1 per litre.

a) Which petrol station is cheaper?

Petrol station _____ is cheaper.

b) How much money does Luis's mother save by going to this petrol station?

She saves £ .

Reflect

You have been asked to go to buy 2 pints of milk. It is only sold in litres. How many litres would you buy? Explain your answer.

CHALLENGE